

From owner-qrp-1@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [5681] 160M QRPp Beacon
Message-ID: <199603141916.TAA01633@chuck.dallas.sgi.com>

Gang,

Got the following message from Dr. Jack Bryant, W5TFB, a mathematician of notable fame. So look for him if you got the receiver.

Let's see now. If I take the SWL-80 and rewind the toroids and change some crystals I just might be able.....

- - - snip - - -

I'll be running a 0.95 watt* beacon on 1825 from 7 pm CST Saturday March 16 until 7 am CST March 17. That is 0100 - 1300 UTC March 17. Antenna is a 120m (400') longwire at 15m (50'), end fed, and is essentially undirectional; NEC says it has a roughly equal mix of horizontal and vertical polarization. Home brew certificates will go to those who copy the codeword. Look for VVV <codeword> DE W5TFB/B, from near College Station Texas.

-Jack W5TFB

* Power level in honor on Dr. CNA, K5FO!

- - - snip - - -

dit dit

Oh, ask Jack about his house. It is unique unto itself. :-)

Sorry Jack, just thought there might be some interest.

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From owner-qrp-1@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: KFGlynn@aol.com
Subject: [5682] Antenna Launching
Message-ID: <960314145917_246061461@mail06.mail.aol.com>

For Field day our club used the combo Wrist Rocket slingshot with small fishing weight to launch the line. The line was monofilament wound on a fishing reel. We broke down a fishing pole and just used the bottom portion. Worked like a charm. Were able to get all dipoles up without a hitch.

For portable QRP work I use an inverted v since it's much easier when there is only one tree limb involved. I bought a pipe coupler from the hardware store and tie nylon cord line (similar to plumb line) and throw a strike over the branch. Then tie the center insulator to the line up hoist up the antenna. I always leave enough line shaped line a bunch of s's so it won't tangle on the way up. This works out well. I tie it off to small 2.5 lbs dumbbell plates. This year will make spikes out of PVC pipe instead.

GL

73 Kevin KB2TEO

From owner-qrp-1@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: Mel Evans <101366.3072@compuserve.com>
Subject: [5680] Dunblane
Message-ID: <960314191514_101366.3072_JHP87-2@CompuServe.COM>

As far as is known, fortunately none of the seven hams in Dunblane have direct family members affected by yesterday's tragic episode involving the death of sixteen children aged five and six, their teacher, and injury to the rest of their classmates by a gunman brandishing four handguns. Two of the local amateurs however will be affected by the death and injury of very near neighbour's children.

My heartfelt thoughts certainly go out to all the residents of Dunblane at this very very sad time.

(Dunblane is a small "Cathedral" city of only some 7000 population, steeped in Scottish history, and known by many tourists as the "Gateway to the Highlands")

Mel

GM6JAG
Edinburgh, Scotland UK

From owner-qrp-1@Lehigh.EDU Thu Mar 14 22:14:13 1996

From: Mark D Jarmuz <jarmuz@acsu.buffalo.edu>
Subject: [5664] F/S MFJ9030..or TRADE...
Message-ID: <Pine.SOL.3.91.960314120505.20946A@lictor.acsu.buffalo.edu>

hi gang
i have for sale a MFJ 9030...transceiver...about 6 months
old wiil sell for 110.00,and i ship or...will trade for
something of same value or close to it.let me know what
you got.....

AA2PF...DAVE....

From owner-qrp-1@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: Paul Erickson <paul1@wizard.ucs.sfu.ca>
Subject: [5652] Fox for thursday March 21 (22 utc)
Message-ID: <9603141001.AA22569@wizard.ucs.sfu.ca>

Hi there,

Well time to see if a few more of you can hear past the 49th parallel ;-).

The furry critter will be up and running next Thursday March 21 (22 utc).
>From listening lately, conditions seem to be best from 0000z to 0200z.
Now this presents a difficulty in that the best time to be heard may
not coincide with when there will be the most hunters on the loose...

I am open to suggestions, and if any of the propagation gurus have any
suggestions, would love to hear them.

The signal should be stronger this time as I will be using my qrp+ and
60ft vertical rather than the hw-8 and 40ft I used last time. Hope to
have an additional 60ft horizontal wire attached to the top as
computer modeling indicates that should make a considerable difference.

cheers, Paul
ve7cqk
email: paul1@wizard.ucs.sfu.ca

From owner-qrp-1@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: torell@sicom.com (Kent Torell)
Subject: [5684] Fox propagation tonite...
Message-ID: <v02130504ad6e4c51b4c5@[192.91.202.41]>

Don't panic about the geomagnetic storms...they wax and wane. Current WWV

info (2100 UTC, or 2pm MST) has $k=1$ and $A = 6$, for a pretty quiet moment. Of course, just before I go for the fox, it will start getting turbulent....

Kent Torell torell@sicom.com 602-483-2867 x40
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260

From owner-qrp-1@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: PDouglas12@aol.com
Subject: [5663] FS OHR Ex I and SWL 80-40
Message-ID: <960314113904_245926685@emout09.mail.aol.com>

Guys,

I have a couple of rigs that are surplus and not getting use in the shack, despite being good rigs.

1. OHR Explorer I on 20M. Unmodified, working smoothly and flawlessly with about 2+w output in original condition. Calibrated and zeroed in--\$65.00 shipped.

2. Small Wonders Labs SWL 80 (80 meters). This is the commercial version of the NE 80-40, the two crystal filter superhet transceiver in the tiny case. This rig is installed in the SWL custom made case (will fit in a jacket pocket) and I have the RIT kit for it (RIT is not installed). This is also about a 2W transceiver and it is lined up right. It is set to cover the QRP calling freq and 3579 where the 79ers hang out. And you can certainly copy W1AW. Retuning as a novice rig would require removal of a turn or two from the VFO coil, and it would make a fine novice rig. At original cost of the board, case kit and RIT was about \$85. I will sell for \$50.00 shipped.

email me at Pdouglas12@ AOL.com

From owner-qrp-1@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: WJ4PRandy@aol.com
Subject: [5666] generate cw from ssb rig
Message-ID: <960314124142_245971307@mail06.mail.aol.com>

Hey guys,

Back in the 70's I had an SBE-34 (SSB only) that I used on CW by sending a 1 kHz tone into the mic. It wasn't even semi-break-in

(no vox) but it was cw! I bring this up cuz it may be a way to put semi-bk in

on a rig that doesnt "do" qrp levels on CW. My Paragon for one, doesnt go below 15 watts. By being able to control the output with the mike level I could have infinite control of output power and probably the vox would work fast enough to do semi-break in...

Any thoughts?

73, Randy WJ4P

From owner-qrp-1@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: BillCombs@aol.com
Subject: [5687] Help
Message-ID: <960314171240_168636840@mail04.mail.aol.com>

Hi Gang,

I am new on the list but have reading past posts in the archives in order to get some ideas about what antennas are favored by the group. I have recently moved to a new location here in Michigan and would like to get something up in the air when the snow clears. I may be able to figure a way to put up a 130 ft. inverted-V dipole of some kind. I have also been thinking about an R7, but from what I can make of the various reports from the group, it would appear that the Gap Titan may be a better choice. I wonder what your thoughts might be on the following:

1. How a vertical like the Titan might compare with some sort of all-band dipole, especially since 80 and 40 might be of more interest now because of the sun spot cycle?
2. What sort of all band dipole might be best? Something fed with 450 ladder line? Wonder if these antennas create RF problems in the shack? Has any body tried the "Carolina Window" sold by Radio Works?
3. Any suggestions on antenna tuners?
4. How do you get ladder line into the shack?

Thanks for any help.

Bill Combs, K4CPK
Allen Park, Mich

BillCombs@aol.com

From owner-qrp-1@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [5669] HF Forecast correction
Message-ID: <199603141812.LAA24520@zia.aoc.nrao.edu>

The Solar and Geophysical Alerts are issued by the USAF/NOAA
(National Oceanographic and Atmospheric Administration) ... not NASA.
Sorry. Freudian slip ... thinking about that dang thether I guess.

Paul

From owner-qrp-1@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [5668] HF Propagation Warning
Message-ID: <199603141808.LAA24311@zia.aoc.nrao.edu>

For those of you interested in propagation ...
There is currently an unsettled to minor geomagnetic storm in progress.
Solar activity is very low, with 10.7cm flux 71, sunspot 6 (low normal).
But A indexes are running 11-12 all week, increasing on the 13th to
16-18, K indexes 3-4 (definition of active geomagnetic storm).

3-day forecast is for unsettled to minor storm conditions, particularly
in the higher latitudes. This will produce depressed MUF's by 30-50%.
If 50%, the MUF will drop to or slightly below 7MHz :-(

Paul NA5N

Excerpt from the NASA bulletin:

>JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
>SDF NUMBER 073 ISSUED AT 2200Z ON 13 MAR 1996
(snip)
>IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 12/2100Z TO 13/2100Z:
>THE GEOMAGNETIC FIELD RANGED FROM QUIET TO MINOR STORM LEVELS
>WITH A PERIOD OF MAJOR TO SEVERE STORM LEVELS AT HIGH LATITUDE.
>QUIET TO UNSETTLED LEVELS PREVAILED THROUGH MOST OF THE DAY,
>BUT A PERIOD OF ENHANCED ACTIVITY OCCURRED FROM 0900-1500Z.
>IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
>EXPECTED TO BE UNSETTLED WITH OCCASIONAL ACTIVE PERIODS OVER
>THE NEXT TWO DAYS DUE TO EFFECTS FROM PERSISTENCE ON DAY ONE
>AND EFFECTS FROM A CORONAL HOLE ON DAY TWO. PREDOMINANTLY UN-
>SETTLED LEVELS ARE EXPECTED ON THE THIRD DAY.
>V. GEOMAGNETIC A INDICES
>OBSERVED AFR/AP 12 MAR 011/012

>ESTIMATED AFR/AP 13 MAR 016/018
>PREDICTED AFR/AP 14 MAR-16 MAR 015/012-015/015-010/015

From owner-qrp-1@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: "William C. Robbins" <billrobb@serv01.net-link.net>
Subject: [5690] HW-9/Tuner
Message-ID: <199603150100.UAA28627@serv01.net-link.net>

HELP!

I have a chance to buy an HW-9 and the antenna tuner. The rig has the WARC band option. No power supply. What is a fair value??

Thanks...Bill
William C. Robbins, WA8CDU ***Heathkit Collector***
billrobb@serv01.net-link.net

From owner-qrp-1@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: Dick Schneider <74602.3317@compuserve.com>
Subject: [5674] KUDOS TO AA1IT FOR QRS
Message-ID: <960314185141_74602.3317_EHH79-1@CompuServe.COM>

A QRS WITHOUT BEING ASKED - KUDOS TO AA0IT

Just nailed my first QRP QSO w/NH from Denver this ayem using a newly rebuilt Ten Tec Omni-D cranked down to 5W and, with all the recent discussion re CW operating procedures, I wanted to post a kudo for AA1IT for calling CQ at 20-21 wpm or so (on 14060) and when I replied with the straight key at 13-15 or so came right back tonme at my speed without being asked to QRS.

72/73

Dick/KB0SRY..

E-mail from: Richard Schneider, 14-Mar-1996

From owner-qrp-1@Lehigh.EDU Thu Mar 14 22:14:13 1996

From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [5670] Litz wire and RF
Message-ID: <199603141828.SAA01500@chuck.dallas.sgi.com>

Gang,

The topic of Litz wire was brought up. So let's start with some basic definitions and work our way up.

Skin Effect - current-distribution phenomenon whereby alternating currents concentrate near the surface of a conductor and is dependent up AC frequency. At DC, the current is uniformly distributed (for all practical purposes) throughout the cross-section of the wire.

The skin effect pertains to the entire spectrum of alternating currents for ac transmission lines to RF related devices.

Skin Depth (Greek letter delta (small)) - is that level beneath the surface of a conductor where the current density is $1/e$ (where $e=2.718281828459\dots$) or about 37% of the surface value. It is a gradual falloff, not an abrupt change.

The formula for the skin depth is: (Gottlieb, p.37)

$\delta = \sqrt{\rho / (\pi \times \mu \times f)}$ in meters

ρ - conductivity of the conductor in ohm/meters
 1.724×10^{-8} ohms/meter for copper

μ - permeability of the conductor (non-magnetic substances) 1.26×10^{-6} Henry per meter

f - frequency in Hertz

π - 3.1415926535....

For copper $\delta = 2.60/\sqrt{f}$ in inches

$\delta = 6.60/\sqrt{f}$ in centimeters

For some idea of what is going on in real numbers

delta	f
-----	-----
2.6 mils	1MHz
0.98 mils	7MHz for 40M
0.822 mils	10MHz (Gottlieb has a typo here)
0.26 mils	100MHz

Oh, for those not used to English units, a mil is 10^{-3} inches or 1/1,000 of an inch.

Now take the table of wire sizes for 22, 24, 26, and 28 and figure out what percentage of the total area is conducting? Quiz time. :-)

What this does is lower the Q of the coil as the freq. goes up. The effective area goes down the R goes up. Fundamental physics at work here.

Someone came up with the idea that by using multiple strands of wire (Litz wire) to form a single cable would reduce the skin effect in the RF spectrum. In order for this to work, all the wires need to be and are insulated individually. If not insulated, you will get a different effect.

Now here is the killer and this is from "Practical RF POWER Design Techniques" by Irving M. Gottlieb, page 39.

"Litz wire coils have been mostly used at lower and moderate radio frequencies; above 2 MHz or so, eddy currents and dielectric losses negate the available benefits from this conductor format." - Gottlieb.

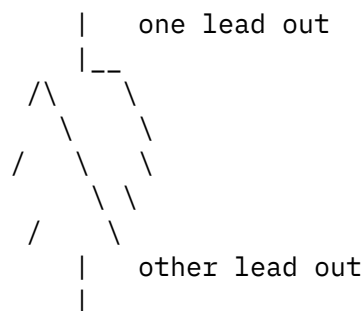
As a youngster I worked with some of this wire and I really didn't like it. Still don't. Don't own any at the present time and don't plan on it either. It was cotton insulated and the wire itself was difficult to solder.

Hope this posting will help others in making that important decision on what kind of wire to use in radio work.

Also, see page 41 on winding techniques for toroidal RF inductors

or transformers. There is the one we all see in the handbooks and kit notes. There is another called the "super toroid" winding. You wind half way round the toroid then bring wire across to other side and wind in the opposite direction and opposite sense. This overcomes inter-turn distributed capacitance and end capacitance (well reduces it). The leads are now diametrically spaced from one another (opposite sides of the toroid).

I don't know how you do this in ASCII, but hopefully the English gives you some idea. Here is a stab at it.



And imagine the \ and /'s as turns on the outside of a toroid. The left hand side is wound in the opposite direction than the right hand side or you will cancel out the inductance.

The leads out configuration causes some problems in mounting. It's not easy to mount this puppy in a vertical position like the normal wound critter is.

I'll let Mike C. WA8MCQ wind some of these puppies up and measure the effect. Still got that fancy meter Mike?

FYI de K5F0 and I hope I caught all the typos

dit dit

--

Chuck Adams (K5F0 CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From owner-qrp-l@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: dsa@apollo.hp.com
Subject: [5665] mid-life crises
Message-ID: <199603141728.MAA71987@nss2.CC.Lehigh.EDU>

>As to mid-life crises, it is said that when a man turns 40, he does one
>of the following three: buys a new sports car, takes a mistress, or buys
>a new house. One out of three is normal; two out of three is a mid-life
>crisis, and 3 out of three is sheer imagination.

Uhoh, I'm in trouble. I did ALL 3 while in my 20's! I blamed it then on immaturity and irresponsibility. Now, with only 6 years 'til the big 4-0. I dare not imagine what I'm going to do. Heck, I'm too jaded by relationships to have an affair. I've given up interest in sports cars for SUV's and we already own one house too many. Maybe I'll just binge on QRP gear, retreat from society to some remote mountain top and become a source of Zen-like insight to hams around the world via a few uuW. Hey, the bands should be in pretty good shape by then...

72/73 de KB0VCC/QRP-L#91

From owner-qrp-l@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: Larry East <LVE1@inel.gov>
Subject: [5686] Need New QRP+ Schematic
Message-ID: <2.2.16.19960314233313.25bfc5f4@134.20.32.17>

I'm looking for someone who has received a "New and Improved" QRP-PLUS who is willing to supply me with a schematic in return for an SASE. I'm in the process of assembling mod info for the original QRP+ and I'm interested in seeing how all the enhancements were implemented in the new model.

Thanks and 72,
Larry W1HUE/7
LVE1@inel.gov

From owner-qrp-l@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: mcdaniel@ouvaxa.cats.ohiou.edu
Subject: [5689] New QRP+ Review
Message-ID: <0099F567.E49F58F4.8@ouvaxa.cats.ohiou.edu>

Ohio University Electronic Communication

Date: 14-Mar-1996 07:49pm EDT

To: Remote Addressee

(_mx% "QRP-L@lehigh.edu")

From: Drew McDaniel
MCDANIELD

Dept: TeleCom
Tel No: (614) 593-4864

Subject: New QRP+ Review

My new QRP+ arrived on schedule this week, and I have tried to give it a good workout in the few days I've had it. I am going overseas soon and will be out of touch until near the end of the month. I wanted to get this out now, for the benefit of those who are contemplating the rebuild job. I owned one of the original QRP+ rigs for about 8 months, using it heavily under varied operating conditions. Most of the following compares the old and the new versions, addressing three areas: 1) receiver front end, 2) SSB operation, 3) keyer, and 4) AGC.

A simple rule of thumb test of receiver sensitivity is to switch (or attach) a resonant antenna to the receiver's input. If the noise level rises, the receiver is deemed sensitive "enough." The original QRP+ barely passed this test; only a slight increase in noise could be detected on higher frequencies. If a receiver fails the test there are two possible causes: the receiver is generating internal noise that masks RF noise picked up by the antenna, or the receiver is simply not sensitive enough. I had earlier assumed the QRP+ had a noisy synthesizer, but this may have been wrong.

Now, the new QRP+ exhibits a very pronounced increase in noise when a resonant antenna is switched to its input, even on a totally dead 10 meter frequency. In fact, the noise is not only audible, it can be seen as a nominal increase of 1 to 2 S units on the S meter. Compared with receivers I consider "hot," it seems more than adequate

Others have noted that the new version contains a voltage protection device on the receiver input. It is a varistor tied across the antenna input.

If Index Labs delivers "reworked" units exactly as new units are currently being produced, you will have to modify the wiring of your mike. The connections to the 1/8th inch three circuit mike jack have been changed. (A new mike compatibility list is provided if you don't feel like doing your own rewiring.)

I usually operate CW, but have observed the anemic SSB output of the original rig so many others have mentioned. The new circuitry certainly solves this problem. A combination of speech limiting/compression and speech processing permit average power output on voice to be sustained

at around 4 watts! The sound quality produced is not very natural, but is no doubt the way to get the most out of low RF power. There is no provision for the operator to reduce mike gain; the control on the rear of the unit has been eliminated to allow total control by the audio compression circuit.

To me, the most objectionable feature of the original QRP+ was the keyer. If one is capable of precisely timed letter/word spacing with a paddle, then the keyer can generate wonderful machine-like code. If not, (as in my case) then it could produce gibberish. I found this usually happened at the worst moments, for example when I finally snagged a rare DX station. With the rest of the pack snapping at my heels, I would suddenly find myself sending complete nonsense. An external keyer was not a solution either, because the rig's straight key input couldn't handle code much above 20 WPM accurately.

I am happy to say that the keyer function has been modified in the new rig so that even I can produce acceptable code. Also, the straight key input has been changed to accommodate high speed code (well, as fast as I can manage, say 30+ WPM).

The original QRP+ suffered from an assortment of AGC ills--pumping and popping in strong signal overload conditions. The new unit is much smoother in operation and shows graceful recovery from overload, but the popping hasn't been cured totally. A copy of the new receiver schematic has been pasted into the new manual, and it seems detailed enough so that one could make out what has been done with the AGC. I just have not had the time to study it.

On balance I am pleased with the improvements. While still imperfect, it is in my opinion an excellent value. For those who want to equip a portable operation and cannot afford the weight or current drain of full-sized rigs, this rig is unique.

Received: 14-Mar-1996 07:49pm

From owner-qrp-1@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: PDouglas12@aol.com
Subject: [5671] OHR Ex I and SWL both sold
Message-ID: <960314133549_446388547@emout10.mail.aol.com>

That was fast, guys. Thanks, but I have firm offers on both rigs.

Preston WJ2V

From owner-qrp-1@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: David Adams <dave@flowserver.stem.com>
Subject: [5688] Sanity is returned
Message-ID: <9603150005.AA05140@flowserver.stem.com>

The cascade is no longer for sale. It occurred to me that if work wants me to go over to europe on a weeks notice, they can bloody well pay the expenses up front. After telling them so and letting them know this is the only way I am going, they agreed.

The HT is still for sale. Laurie wants an Alinco...

The HW-9 is also still probably for sale, as it gives me an excuse to buy another kit.

dave

From owner-qrp-1@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: wdzeares@ix.netcom.com (W. Dennis Zeares)
Subject: [5692] Thurs. FOX
Message-ID: <199603150253.SAA24378@ix15.ix.netcom.com>

After weeks of nothing, I found the FOX on 7038.5 and we had a nice short 339 x 339 qso. I was running 5 watts to a ham stick out on the balcony railing about 12 feet off the ground! Amazing how this stuff works...
Thanks Mike for being the FOX. 72/73 Dennis K3ETS Dallas

From owner-qrp-1@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: talljazz@teleport.com (Dan Presley)
Subject: [5683] Tuner & FT 102
Message-ID: <v01530500ad6e485ff90a@[206.163.123.201]>

Two questions-1. Does anyone know if there's any of the St.Louis tuner kits left for purchase from NorCal? 2. Has (or is) anyone using a Yaesu FT-102 for QRP-can you just back off the drive control, or do you need to use the 'reverse ALC' trick ? Any thoughts appreciated!

Dan N7CQR ARCI- Norcal

From owner-qrp-1@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: Pat Taber <ptaber@logiccraft.com>
Subject: [5653] USA QSL BURO
Message-ID: <199603141251.HAA64404@nss2.CC.Lehigh.EDU>

I've been trying to find out what the ARRL has been doing with their Domestic QSL Buro and the story seems grim. However, the person doing the study did give me a lead on this AA1MF operation and here's what they have to say:

>Thank you for your intrest in the USA QSL BUREAU, I hope the enclosed
>answers your questions. If not, please drop me a note. 73's Bill - AA1MF
>=====

>TO MY VALUED FELLOW HAMS,
>

>NOW YOU HAVE A USA QSL BUREAU FOR ALL YOUR DOMESTIC QSL CARDS,
>ALL 10 DISTRICTS, TERRITORIES AND TRUSTEESHIPS OF THE U.S.A.
>YES, THIS MEANS YOU CAN NOW SEND ALL YOUR DOMESTIC QSL CARDS
>VIA THE "USA QSL BUREAU" AND YOU CAN SEND "QSL VIA USBURO"

>ON THE AIR!!

>SAVE \$\$\$ ON POSTAGE-CALLBOOKS-CD-ROMS

>FAST..PROMPT..PROFESSIONAL..SERVICE..FOR HAMS BY HAMS

>RATES FOR YOUR OUTGOING CARDS;

>2 - 10 CARDS \$.10 EA.

>10 FOR \$1.00

>50 FOR \$4.50

>100 FOR \$8.00

>OVER 100, \$7.00 PER HUNDRED CARDS

>PLEASE PUT CALLSIGN OF STATION YOU ARE SENDING CARD TO IN THE

>ADDRESS SECTION (BACK OF CARD) IN 3/4 TO 1 INCH LETTERS!

>CONTESTERS, CLUBS, SPECIAL EVENT STATIONS - SEE NOTE BELOW!

>NO CHARGE FOR CARDS SENT TO YOU BY THE BUREAU BUT YOU MUST HAVE

>AT LEAST ONE SASE ON FILE - ALL HAMS ENCOURAGED TO KEEP AT LEAST

>ONE #6-3/4 SASE ON FILE AT THE BUREAU!!

>NOTE:

>THOSE OF YOU WHO SEND ALL YOUR DOMESTIC QSL'S VIA THE "USA

>QSL BUREAU", WE NOTIFY STATIONS WHO DO NOT HAVE SASE'S ON FILE,

>REQUESTING THEM TO SEND SASE'S TO COLLECT THEIR CARDS.

>START ENJOYING THE SAVINGS AND BENEFITS TODAY!!

>SEND US UP TO -4- #6(3-5/8 X 6-1/2) SASE's (W/1-STAMP-EA)

>PLEASE PUT YOUR CALLSIGN IN TOP LEFT CORNER!!! --OR--

>YOU MAY SEND \$5.00, YOUR CORRECT RETURN ADDRESS & WE SUPPLY

ever had. I used it in a qrp rig for years, and its stability was indeed comparable to that of a crystal oscillator, and certainly to that of a vxo under comparable to that of a crystal oscillator, and certainly to that of a vxo under the control of its crystal.

72-73

Don Coleman, W1V0Q

From owner-qrp-1@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: "DONALD A. COLEMAN (EXT. 2850)" <DACOLEMAN@fair1.fairfield.edu>
Subject: [5659] Vxo, vfo, sometimes it's hard to tell
Message-ID: <01I2BR0QZYTU8YC414@fair1.fairfield.edu>

Gang,

I can't help adding yet one more reason why it's hard to gauge just what is actually going on when you get a variable-frequency oscillator, with or without quartz crystal, to play satisfactorily--and I mean with good stability. Years ago someone told me about a combination Hartley-Kohlpitz (spelling?) vfo he had constructed. The "pure" circuit he had started with drifted up frequency, while the opposite kind of circuit he then played with drifted downward.

(to be continued.)

From owner-qrp-1@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [5679] W5TFB's email adr
Message-ID: <199603141924.TAA01672@chuck.dallas.sgi.com>

Gang,

So that I don't get swamped. Jack's email is Jack.Bryant@math.tamu.edu

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From owner-qrp-1@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: ssalgaller@ccgate.hac.com

Subject: [5685] Where Can I buy Litz Wire ???
Message-ID: <9602148268.AA826843321@CCGATE.HAC.COM>

Dear QRP'rs,

Someday I hope to explore the VLF radio band. There are noises generated by the earth a day or more in advanced of earthquakes, for example.

Anyway, I once saw some Litz wire at surplus prices, but I can't find the ad, and it's probably gone now anyway.

Can anyone suggest a surplus source ?

73's
Stephen S.
WA3ZGT
e-mail here or
salgaller@aol.com

From owner-qrp-1@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: weinfurtner@ouvaxa.cats.ohiou.edu (Greg Weinfurtner)
Subject: [5676] ZF2JC operation
Message-ID: <v01510100ad6e1b76a581@[132.235.72.11]>

Fellars,

John Cornwell, NC8V, will be operating on Little Cayman Island this coming weekend, probably starting on Saturday morning. John is one of the best ops in our area (esp. CW) and is always courteous! Good for a QSL too!

He mentioned that on previous dxpeditions to the Caymans that he had worked QUITE A FEW QRP STATIONS and would be listening for us QRP'er types. I mentioned that I'd post this for him to our group. He'll probably be running 100 watts to a beam.

So dust off the mic's, listen for ZF2JC and get a new counter towards DXCC/QRP and/or a new IOTA!

Here is the announcement from the Ohio/Penn DX Bulletin:

ZF, CAYMAN ISLANDS. John, NC8V, will be operating as ZF2JC/ZF8 from Little Cayman Island (NA-016) from March 15-21st. The operation will be mostly around the IOTA frequencies and mostly SSB, but he will try to switch to CW upon request. QSLs go to his home call NC8V (Good in any callbooks since 1991): John Cornwell, NC8V, 15100 E. Scatter Ridge Rd., Athens, OH 45701

Thanks Guys and Gals! 73/72 de

```
*****
*                               Greg Weinfurtner AEE BSS *
*      NN      N  SSSSSSS  8888888  0000000  Electronic Design Splst *
*      N N     N  S        8      8  0      0  Ohio University   Athens *
*      N N     N  SSSSSSS  8888888  0      0  GO BOBCATS!           *
*      N  N N          S    8      8  0      0                               *
*      N      NN  SSSSSSS  8888888  0000000                               *
*                               Can thou send forth lightnings *
*                               that they may go and say unto *
*                               thee, 'Here we are'? Job 38:35 *
*      weinfurtner@ouvaxa.cats.ohiou.edu                               *
*      http://ouvaxa.cats.ohiou.edu/~weinfurtner                       *
*****
```

From owner-qrp-l@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: torell@sicom.com (Kent Torell)
Subject: [5673] Re: '40A
Message-ID: <v02130501ad6deb6ff1a6@[192.91.202.41]>

Wayne Burdick writes:

>Is the problem you described on a Wilderness or NorCal club version of the
>'40A? The Wilderness version already has a resistor from Q4 E-->B for just
>this reason.

This was the 40a kit from Norcal, so I guess only those old kit
builders have to worry about it. If you don't have the symptom (slow
return of receiver sensitivity), you don't have anything to fix :-).

Thanks, Wayne.

Kent Torell torell@sicom.com 602-483-2867 x40
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260

From owner-qrp-l@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: prvalko <prvalko@Oakland.edu>

Subject: [5645] Re: Advice needed

Message-ID: <Pine.OSF.3.91.960314001522.24745A-100000@vela.acs.oakland.edu>

On Wed, 13 Mar 1996 NYOUNG@nova.wright.edu wrote:

> 1. At least you spent the bucks on a radio instead of a younger
> women with short, violet hair and day-glow eye shadow, wearing a
> plastic microskirt whom you met on the corner one evening after
> work when you said that you were working late.

Please post the jpg!!!!

:-) paul :-) wb8zjl

From owner-qrp-l@Lehigh.EDU Thu Mar 14 22:14:13 1996

From: Monte Stark <ku7y@sage.dri.edu>

Subject: [5649] Re: Advice needed

Message-ID: <Pine.SUN.3.90.960313223826.7303D-100000@vortex.sage.dri.edu>

On Wed, 13 Mar 1996 NYOUNG@nova.wright.edu wrote:

> women with short, violet hair and day-glow eye shadow, wearing a
> plastic microskirt whom you met on the corner one evening after
> work when you said that you were working late.
>

Wow, now from where I sit, it seems to me that there is only one way that you could come up with such a good word picture of a gal and event like that.....

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17....ARRL....NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Thu Mar 14 22:14:13 1996

From: Pat Taber <ptaber@logiccraft.com>

Subject: [5654] Re: Advice needed

Message-ID: <199603141309.IAA50490@nss2.CC.Lehigh.EDU>

>Other advice is right on target. But you must remember two things:

>

>1. At least you spent the bucks on a radio instead of a younger
>women with short, violet hair and day-glow eye shadow, wearing a
>plastic microskirt whom you met on the corner one evening after
>work when you said that you were working late.

>

If that's true, then you must immediately return the radio! (Names, Nils, we want names -- not empty descriptions. I'm planning on having a huge mid-life crisis soon and it includes someone fitting that description.)

If you're just another stuck-in-the-grind kid who never grew up like the rest of us, then there's not a lot of explaining to do. Few spouses would deny something that would bring a little happiness into their mate's life (unless, of course, that money was supposed to pay the mortgage.) If the urge is on me and we have the money to spare (hasn't happened since we had kids...) I buy. If not, I pull out my dog-eared copy of "The Amateur's Code" and re-read the part that says it's a hobby and I will not let it interfere with my work or family or real obligations.

>>>==>PStJTT

```
=====
Patrick Taber                      Email: ptaber@logiccraft.com
Principal Software Engineer        Phone: (603) 880-0300
Logiccraft Information Services    Fax:   (603) 880-7229
22 Cotton Road
Nashua N.H. 03063                 Also known as: KC1TD
```

From owner-qrp-l@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [5655] Re: Advice needed
Message-ID: <Pine.SOL.3.91.960314092358.28009A-100000@utkux4.utcc.utk.edu>

On Thu, 14 Mar 1996, Pat Taber wrote:

> >1. At least you spent the bucks on a radio instead of a younger
> >women with short, violet hair and day-glow eye shadow, wearing a
> >plastic microskirt whom you met on the corner one evening after
> >work when you said that you were working late.
> (Names, Nils, we
> want names -- not empty descriptions. I'm planning on having a huge mid-life
> crisis soon and it includes someone fitting that description.)
Actually, Nils was disguising in good Freudian fashion what really happened: He met a short woman who looked younger in her day-glow hair and violet eye shadow, and who skirted the issue when he cornered her

22 Cotton Road
Nashua N.H. 03063

Also known as: KC1TD

From owner-qrp-1@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: Mel Evans <101366.3072@compuserve.com>
Subject: [5677] Re: ADVICE Needed
Message-ID: <960314191456_101366.3072_JHP87-1@CompuServe.COM>

Hi Dave,

Go on, be a man!

Tell her: "It's mine, I've worked for it, and now I've got it"

Then check your medical insurance and run like -----

You could try telling her it followed you home.

72 and 73 de Mel
GM6JAG
Edinburgh, Scotland.

From owner-qrp-1@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [5648] Re: Advice Needed!
Message-ID: <Pine.SUN.3.90.960313222502.7303A-1000000@vortex.sage.dri.edu>

On Wed, 13 Mar 1996, Dave Fifield wrote:

> OK, I'm in trouble, and I need help!
>
> I just bought a (QRP) FT-530 dual band HT from HRO yesterday
> (they're blowing them out at \$299) and I need to break it gently to
> my wife, especially since I just spent all my "radio" money at the
> Foothills flea market last weekend.
>
> Any of you know of an approach that results in minimum all round
> stress/strife?
>
> Dave Fifield

Oh Dave, now you've done it!

But, after almost 38 years of marriage, I have learned one thing.....
Just tell her the truth!

After all, she will find out anyway and it might as well be up
front.....doesn't hurt near as bad!

gl es cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17....ARRL....NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [5650] Re: Advice Needed!
Message-ID: <Pine.SUN.3.90.960313230955.7303H-1000000@vortex.sage.dri.edu>

On Wed, 13 Mar 1996, Dave Fifield wrote:

> OK, I'm in trouble, and I need help!
>
 snip.....

Let me tell you how I do it.....

When I quit smoking a few years ago, I took the cig money
and called that my money. If I wanted to smoke, then I would
buy cigs.....otherwise, I could do what ever I wanted with
that money!

Well, today I just wrote a check for over \$700 for some readloading
equipment I have been wanting for years. And that was all my
money that I didn't spend on smokes!

And that's the same source of money that I bought my ts430, ts930,
NorCal40a, and lots of other things. Both radio and gun stuff!

If you have too much money, this system doesn't work well. Or
if you can't take enough per check to make it add up soon, it's
not too good either. But at \$50 every 2 weeks, it adds up just fast
enough.

Good for the body and soul....cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17....ARRL....NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: "rick" <rick@dns.enter.net>
Subject: [5651] Re: Advice Needed!
Message-ID: <199603140741.CAA16780@dns.enter.net>

Dave,

My former boss (who was a ham) used to wheel and deal in rigs all the time. I used to catch him on Monday mornings,after weekend hamfests, calling the houses of some people he sold rigs to. He would call when the ham was at work and then ask the XYL if so & so was home. After they said no,he would leave a message that they had won a door prize at the hamfest and could he pick it up later in the day !!! You can't use it too often,but it worked for me the one and only time I needed it!! Seriously though, I could get away with if I can explain to the XYL what a good deal it was and put up with the little bit of heat afterwards.

73 es GL

Rick
N3MHW

From owner-qrp-l@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: JCoote@aol.com
Subject: [5662] Re: Advice Needed!
Message-ID: <960314112623_245918265@emout08.mail.aol.com>

In a message dated 96-03-13 17:37:57 EST, fifield@lan.nsc.com (Dave Fifield) writes:

>)

>

>OK, I'm in trouble, and I need help!

>

>I just bought a (QRP) FT-530 dual band HT from HRO yesterday

>(they're blowing them out at \$299) and I need to break it gently to

>my wife, especially since I just spent all my "radio" money at the
>Foothills flea market last weekend.

>

>Any of you know of an approach that results in minimum all round
>stress/strife?

>

> Dave Fifield

You're in the doghouse now, pal. :-\

Seriously, find what her hobbies and interests are, and how much she spends
on those... surely your purchase is of equal importance?

I don't know how to break the news though. I would like to hear what female
(married) hams say about this. :-)

73, Jay
WB6AAM

From owner-qrp-1@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: DYARNES@aol.com
Subject: [5646] Re: Antennas and launching
Message-ID: <960314004223_168161811@mail06.mail.aol.com>

Hi Tony,

You've already gotten some good advice on your questions, but I will add my
two cents worth.

First of all, I have used a slingshot extensively with pretty good results.
The main problem is getting your line to go all the way over and back down
to the ground. I typically have used a very light weight nylon cord, but I
always thought (and should have tried sooner) that fishing line would be the
best. Use something that looks like it would cause the least amount of
friction passing over a limb. One of the biggest problems is the weight of
the line you are using. The higher you go, the more weight you have to pull
over the limb. Thus you need a bigger weight on the end, but then the
slingshot won't get it up as high. What a dilemma! By the way, for a weight
I always found a socket from a tool kit to be a good choice because you have
a broad choice of weights and tying a string to them is easy.

On my last outing (last field day) I tried a spinning rod and reel. The
results were excellent! I do fish, but not very often so my talent with a
spinning reel is just fair. A little practice with a plug is recommended,
however. Nevertheless, I put two antennas up in a pine tree 40 ft. or better
on my first attempt (both times). I wouldn't expect this to happen every

time, but clearly this was an improvement over just the slingshot with nylon line. Actually, this was rather frustrating in a way. You see, I had allocated considerably more time for this job, and my schedule was shot for the rest of the day!

I think the monofilament line is the biggest part of the secret to success. It is much easier to deal with, it doesn't get tangled in pine needles, and it slips over limbs very easily. A less than perfect cast will still get you good results much of the time.

I am seriously contemplating trying a combination of the slingshot and monofilament line. I still think the slingshot should be the more accurate. By the way, slingshots are cheap! For that matter, so are the kinds of spinning outfits you need if you want to try that method. It doesn't take anything very fancy. Just be sure you get an extra set of bands for your slingshot. You don't want to be out there in the boondocks and have your rubber bands break without a replacement.

Antennas West may have a good product, but I think it would be hard to do better than what you can get at Wal-mart. It's probably a whole bunch cheaper at Wal-mart too.

Somebody else told you to put up an 80 meter antenna if possible, and I agree totally. Also, use the balanced line and a tuner--not coax. If you operate an antenna like this multi-band with coax the losses will eat you alive. The tuner could be a problem, but probably not nearly as much of one as coax--so saith gurus like Lew McCoy and Bill Orr. My experiences in the field have been very consistent with these views.

Good luck es 73 de David W5RMZ

From owner-qrp-l@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: Stan Skelton <sskelton@cln.etc.bc.ca>
Subject: [5658] Re: Fox for thursday March 21 (22 utc)
Message-ID: <Pine.3.89.9603140759.B21311-01000000@sparky>

Hi Paul...what ever happened to the idea of having the fox visit the 80 meter US novice portion of the band to allow us poor +5 folks (north of the 49th) a chance. As you know, we are limited to 80 + 160!
TtFn....Stan T.M. VE7 SKT QRP-L #34

From owner-qrp-l@Lehigh.EDU Thu Mar 14 22:14:13 1996

From: Kevin Muenzler <muenzlerk@uthscsa.edu>
Subject: [5678] RE: KUDOS TO AA1IT FOR QRS
Message-ID: <01BB11A9.2204B660@muenzlerk.uthscsa.edu>

Dick Schneider[SMTP:74602.3317@compuserve.com] wrote:

>A QRS WITHOUT BEING ASKED - KUDOS TO AA0IT

>

> Just nailed my first QRP QSO w/NH from Denver this ayem using a newly rebuilt
>Ten Tec Omni-D cranked down to 5W and, with all the recent discussion re CW
>operating procedures, I wanted to post a kudo for AA1IT for calling CQ at
>20-21 wpm or so (on 14060) and when I replied with the straight key at 13-15
>or so came right back tonme at my speed without being asked to QRS.

>

> 72/73

>

> Dick/KB0SRY..

>

>

>

> E-mail from: Richard Schneider, 14-Mar-1996

>

Now there's a real gentleman-ham! I've noticed that many but not all fast CQers
will
return at your speed.

Kevin, WB5RUE
wb5rue@amsat.org
muenzlerk@uthscsa.edu

From owner-qrp-l@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: JEVERHART@cayman.vf.mmc.com
Subject: [5675] RE: Litz wire and RF
Message-ID: <960314135446.23e621a4@carib.vf.mmc.com>

Chuck,

Thanks for the tutorial on Litz wire. The last place I've seen it used with
good effect was at my employer's in a variometer. We used Litz wire made of a
zillion strands of 40 ga wire in a final stranded wire that was about 1/2" in
diameter. It was a huge effort to properly solder. Each strand was Solder-eze
and we dipped the end in a solder pot for what seemed like forever.

Had to resort to this because the variometer needed low loss flexible wire and
went in series with a 900 uH coil with a Q of 900. The latter was about three
feet in diameter and four feet high... Couldn't screw up the coil and

circulating currents were on the order 100 amps - at 150 kHz. Not QRP :-).

About the super toroids - think we can talk Wayne into using 20 or 30 of them in his next Norcal Club kit?

72/73,

Joe E., N2CX

From owner-qrp-1@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: tdrumm@sparc.isl.net (Tony Drumm)
Subject: [5644] Re: parts caddy
Message-ID: <199603140436.WAA26945@sparc.isl.net>

>I haven't built much stuff but found on my first project (the Cascade) that I didn't have a good method of hanging on to the myriad parts after I sorted them. I have now arrived at an effective and asthetically pleasing solution for project number two: floral foam.
>

The method I've been using I *think* I learned from Heathkit. I can't remember for sure but I think they include some kit-building hints in the package that was separate from the manual. Maybe someone here also remembers it.

Basically, you take a cardboard box (they recommended the one that the kit came in), cut off the flaps, and place one lead of the various components into the channels of the corrugated cardboard. It works very well for caps and resistors and even transistors. I don't put the ICs in it. I go ahead and sort the parts by value and jot that down on the side to help me find the part I want quickly. I can read resistors by their color but I do have to think about it except for the very common values.

I used this for both the Explorers I built and it worked great. (Well, there was that one incident in which my daughter was vacuuming the kitchen and sent the cord over the table, caught the box, and sent it flying - but let's not dwell on that!) After the second one, I decided to keep the box I used for the next project rather than scrapping it.

72/73

Tony Drumm

Rochester, MN

internet: tdrumm@sparc.isl.net

Packet: aa0sm@wd0gnk.#semn.mn.usa.na

From owner-qrp-l@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: Hank Kohl <k8dd@sun.tir.com>
Subject: [5693] re: re: Advice needed
Message-ID: <9603150309.AA09702@sun>

At 11:56 03/14/96 CST, you wrote:

>From: Brad Bradfield QLF

>

>Subj: re: re: re: re: Advice needed

>

>Dave - - - -

>

>Abandon all hope if you ever go home again. Move to Tibet, become a Buddhist

>Monk, build a Fire-Ball transmitter, and converse in Latin via CW. Face it

>. . . . you're a dead duck!

>

Ah....Tibet.....That's rare.....Where did you buy that radio.....Maybe I can
get exiled too! The pileups would be great from over there!

>73's <----- 73 = Best Regards does 73's = Best Regards's?

>

>Brad, WB0CGH

>

>*****

>

>Brad Bradfield, PE

Electrical Design Engineer

>108 Forestwood

Texas Instruments, Inc.

>Corinth, TX 76205

> (H) 817-321-2960

>QLF@MSG.TI.COM (W) 214-462-6230

>

>WB0CGH@W05H.#DFW.TX.USA.NA

>

>ARRL Life Member QRP-L #377 SMIRK #4906 IEEE(M)

>

>Collector of wireless and landline Morse keys and accessories.

>

>*****

>

>

>

>

*/ Hank Kohl K8DD k8dd@tir.com

*/ MI-QRP QRP-ARCI G-QRP NorCal

*/ ARRL/LM QCWA/LM QCAO/LM

From owner-qrp-l@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: QLF%mimi@magic.itg.ti.com
Subject: [5667] re: re: re: Advice needed
Message-ID: <9603141756.AA02414@itg.ti.com>

From: Brad Bradfield QLF

Subj: re: re: re: re: Advice needed

Dave - - - -

Abandon all hope if you ever go home again. Move to Tibet, become a Buddhist Monk, build a Fire-Ball transmitter, and converse in Latin via CW. Face it you're a dead duck!

73's

Brad, WB0CGH

Brad Bradfield, PE	Electrical Design Engineer
108 Forestwood	Texas Instruments, Inc.
Corinth, TX 76205	
	(H) 817-321-2960
QLF@MSG.TI.COM	(W) 214-462-6230

WB0CGH@W05H.#DFW.TX.USA.NA

ARRL Life Member QRP-L #377 SMIRK #4906 IEEE(M)

Collector of wireless and landline Morse keys and accessories.

From owner-qrp-l@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: "David D. Meacham" <ddm@datatamers.com>
Subject: [5691] Re: Sanity is returned
Message-ID: <Pine.LNX.3.91.960314175653.24026B-100000@dt1.datatamers.com>

Dave,

Bravo for your stance! They had their nerve asking YOU to pay up front for a COMPANY BUSINESS trip!!! Varian tried that on me a few years ago and I told them to stuff it. Companies seem to get more and more arrogant! GL es 72, Dave, W6EMD

From owner-qrp-1@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: KFGlynn@aol.com
Subject: [5657] Re: USA QSL BURO
Message-ID: <960314102240_245874473@emout10.mail.aol.com>

I was not aware that the ARRL supported a domestic QSL buro (me sending a card to CA for example). Thought it was only outgoing and incoming for DX stations?

73 Kevin KB2TE0

From owner-qrp-1@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: PAT DOYLE <DOYLEPS@lakehurst.navy.mil>
Subject: [5661] Re: USA QSL BURO -Reply
Message-ID: <s1480177.054@LAKEHURST.NAVY.MIL>

The ARRL does not support a domestic QSL buro. This one is operated by AA1MF.

See below

>Date: Wed, 13 Mar 1996 11:33:14 -0500
From: PAT DOYLE
<DOYLEPS@LAKEHURST.NAVY.MIL>
Subject: There is a rumor going around that you have organized a USA QSL bureau. Is this true? If so, could you send me some information?
KA2GSL

=====

PAT, No rumor, its true, hope the enclosed answers all your questions.
73's Bill McNeely AA1MF

=====

TO MY VALUED FELLOW HAMS,

NOW YOU HAVE A USA QSL BUREAU FOR ALL
YOUR DOMESTIC QSL CARDS, ALL 10 DISTRICTS,
TERRITORIES AND TRUSTEESHIPS OF THE U.S.A.
YES, THIS MEANS YOU CAN NOW SEND ALL
YOUR DOMESTIC QSL CARDS VIA THE "USA QSL
BUREAU" AND YOU CAN SEND "QSL VIA
USBUR0" ON THE AIR!!

SAVE \$\$\$ ON POSTAGE-CALLBOOKS-CD-ROMS
FAST..PROMPT..PROFESSIONAL..SERVICE..FOR
HAMS BY HAMS RATES FOR YOUR OUTGOING
CARDS;

2 - 10 CARDS \$.10 EA.
10 FOR \$1.00 50 FOR \$4.50
100 FOR \$8.00 OVER 100, \$7.00 PER HUNDRED
CARDS

PLEASE PUT CALLSIGN OF STATION YOU ARE
SENDING CARD TO IN THE ADDRESS SECTION
(BACK OF CARD) IN 3/4 TO 1 INCH LETTERS!
CONTESTERS, CLUBS, SPECIAL EVENT STATIONS
- SEE NOTE BELOW!

NO CHARGE FOR CARDS SENT TO YOU BY THE
BUREAU BUT YOU MUST HAVE AT LEAST ONE
SASE ON FILE - ALL HAMS ENCOURAGED TO
KEEP AT LEAST ONE #6-3/4 SASE ON FILE AT THE
BUREAU!!

NOTE: THOSE OF YOU WHO SEND ALL YOUR
DOMESTIC QSL'S VIA THE "USA QSL BUREAU",
WE NOTIFY STATIONS WHO DO NOT HAVE
SASE'S ON FILE, REQUESTING THEM TO SEND
SASE'S TO COLLECT THEIR CARDS. START
ENJOYING THE SAVINGS AND BENEFITS TODAY!!
SEND US UP TO -4- #6(3-5/8 X 6-1/2) SASE's
(W/1-STAMP-EA) PLEASE PUT YOUR CALLSIGN
IN TOP LEFT CORNER!!!

--OR--

YOU MAY SEND \$5.00, YOUR CORRECT RETURN
ADDRESS & WE SUPPLY 10 ADDRESSED
STAMPED ENVELOPES FOR YOU. WE WILL
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TO YOUR FELLOW HAMS, IT HELPS US GET
CARDS MOVED FASTER... MANY THANKS, 73'S

>END<

From owner-qrp-1@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: Brad Mugleston <bmug@gw1.com>
Subject: [5672] re: What is a QSO
Message-ID: <199603141833.AA08588@gp-ipc54.gw1.com>

Boy did I open a can of worms. I caught up on my digest reading last night and I believe
Im responsible for a thread.

>From all the answers I got a QSO can be about anything (unless its for paper - then the
rules of the paper apply). I don't know if Ill be chasing paper, I just used WAS
as an
example - I thought there would be one simple answer.

The actual reason I asked is Walton F. Sauerbier Sr. answered my CQ on night - I got his call back three times then nothing. Nice clean fist, clear signal, matched my speed - all in all it looked like it would be a good QSO to have then nada.

Looked him up in the database and now I'm really sorry I lost him, he'll be 94 this July.

Thanks again for all the responses,

de KBØROL, Brad

From owner-qrp-l@Lehigh.EDU Thu Mar 14 22:14:13 1996
From: kellner@usa.acsys.com (Richard G. Kellner)
Subject: [5647] Re: [5623] Best Kit ???????
Message-ID: <9603140612.AA08796@usa.acsys.com>

> "If you were going to buy a Qrp Trans. Kit for camping, which kit
> would you buy and for what band ????"

Glenn, I'd recommend the NorCal/Wilderness Sierra with the KC1 keyer/counter, because it's easy to build, small, consumes little power on receive, and is a great performer. Moreover, Wayne Burdick has published mods for receiving SSB with it, and he is looking at possibly designing a complete SSB adapter for it. Also, Wayne's started working on an RTTY adapter for it which is also portable. That's a lot of capability in a small and inexpensive package. (And Wayne has just worked JA and UA with the Sierra while mobile!)

You can build several band modules if you want. But if you pick a single band, I'd go with 40m because it's good just about any time of the year and any time of the day. Good luck and have fun,

73, Rich W5RXP